

INTERNATIONAL SEARCH REPORT

International Application No
PCT/BR2004/000039

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F04B39/00 B29C45/14 F01N7/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F04B B29C F01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 902 184 A (CLAM S P A) 17 March 1999 (1999-03-17) paragraph '0001! - paragraph '0018!	1-7
A	US 5 341 654 A (BUKAC HUBERT ET AL) 30 August 1994 (1994-08-30) column 1, line 13 -column 2, line 7	1
A	US 4 960 368 A (LILIE DIETMAR E B) 2 October 1990 (1990-10-02) column 1, line 5 -column 2, line 19	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

5 July 2004

Date of mailing of the international search report

13/07/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

Inter national Application No
PCT/BR2004/000039

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0902184	A	17-03-1999	IT EP	MI972073 A1 0902184 A2	11-03-1999 17-03-1999
US 5341654	A	30-08-1994	CN KR	1099846 A ,B 252593 B1	08-03-1995 01-05-2000
US 4960368	A	02-10-1990	BR	8804016 A	20-03-1990